ABSTRACT

AMELIA ZAEN RAMADANTY. *Analysis of Students' Critical Thinking Skills through Realistic Mathematics Education (RME) Approach.*

This research is based on a mathematical learning process that requires the ability to think to solve a problem. One of skills needed to solve a problem is mathematical critical thinking skills in learning process, but based on results from several studies revealed that students' mathematical critical thinking abilities are low. Therefore, it is needed a learning process that can develop critical mathematical thinking skills. One of the methods to develop critical mathematical thinking skills is using realistic mathematics education (RME) approach in the learning process. Therefore, this research aims to investigate the concept of students' mathematical critical thinking skills, realistic mathematics education (RME) approach concepts, and the implementation of realistic mathematics education (RME) approach to students' critical mathematical thinking abilities. The type of this research is study literature. Based on the research results, it was found that the ability to think critically in mathematics is a process of thinking of a person in analyzing, identifying, linking, evaluating all aspects contained in a problem with full consideration and caution so that a right conclusion can be drawn to solve a problem . When educators will develop mathematical critical thinking skills, the learning process is designed to make the students having the characteristics of mathematical critical thinking skills. Therefore, the RME approach can be used in the learning process to develop mathematical critical thinking skills. Because from several literature studies, it was found that the RME approach had a positive impact on mathematical critical thinking skills.

Keywords: *Learning process, Mathematical critical thinking ability, Realistic Mathematics Education (RME) Approach*